

【CLAIMS】

【Claim 1】

A door for drum type washing machines, comprising:

- 5 a door frame formed by injection molding; and
a decorative band inserted in a mold by an insert injection method when the door frame is formed by injection molding such that the decorative band is attached to the front surface of the door frame.

10 **【Claim 2】**

The door as set forth in claim 1, wherein the decorative band is attached to the edge of the front surface of the door frame.

【Claim 3】

- 15 The door as set forth in claim 2, wherein the door frame has a depression formed at the edge of the front surface thereof for receiving the decorative band.

【Claim 4】

- The door as set forth in claim 3, wherein the depression has a depth equal to the thickness
20 of the decorative band.

【Claim 5】

- The door as set forth in claim 4, wherein
the decorative band is substantially formed in the shape of a ring, and
25 the decorative band is provided at the inside and outside surfaces thereof with at least one

fixing hole or protrusion.

【Claim 6】

The door as set forth in claim 4, wherein

- 5 the decorative band is provided at the inside and outside surfaces thereof with at least one fixing groove,
the at least one fixing groove extending a predetermined length along the circumference of the decorative band.

10 **【Claim 7】**

The door as set forth in claim 1, wherein the door frame and the decorative band have different lusters.

【Claim 8】

- 15 The door as set forth in claim 7, wherein the decorative band is metallicity lusterless.

【Claim 9】

The door as set forth in claim 8, wherein the decorative band is made of a metal material.

20 **【Claim 10】**

A door for drum type washing machines, comprising:

a door frame formed by injection molding;

a decorative band inserted in a mold by an insert injection method when the door frame is formed by injection molding such that the decorative band is attached to the front surface

- 25 of the door frame; and

a door glass disposed at the edge of the inner circumferential surface of the door frame, the door glass being made of a transparent material.

【Claim 11】

- 5 The door as set forth in claim 10, wherein the door frame and the decorative band have different lusters.

【Claim 12】

The door as set forth in claim 11, wherein the decorative band is made of a metal material.

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【Claim 13】

The door as set forth in claim 11, wherein the decorative band is metallicity lusterless.

【Claim 14】

- 15 The door as set forth in claim 13, wherein the decorative band is attached to the edge of the front surface of the door frame.

【Claim 15】

The door as set forth in claim 14, wherein the door frame has a depression formed at the

- 20 edge of the front surface thereof for receiving the decorative band.

【Claim 16】

The door as set forth in claim 15, wherein the depression has a depth equal to the thickness of the decorative band.

【Claim 17】

The door as set forth in claim 16, wherein

the decorative band is substantially formed in the shape of a ring, and

the decorative band is provided at the inside and outside surfaces thereof with at least one

5 fixing hole or protrusion.

【Claim 18】

The door as set forth in claim 16, wherein

the decorative band is provided at the inside and outside surfaces thereof with at least one

10 fixing groove,

the at least one fixing groove extending a predetermined length along the circumference of the decorative band.

【Claim 19】

15 A drum type washing machine comprising:

a cabinet forming the outer appearance of the washing machine;

a front cover mounted at the front surface of the cabinet;

a control panel disposed at the upper part of the front cover;

a control unit disposed at the front surface of the control panel for controlling the operation

20 of the washing machine and inputting washing conditions; and

a door disposed at the center part of the front cover such that the door can be opened when laundry is to be put into the washing machine, wherein the door comprises:

a door frame formed by injection molding; and

a decorative band inserted in a mold by an insert injection method when the door frame is

25 formed by injection molding such that the decorative band is attached to the front surface

of the door frame.

【Claim 20】

The washing machine as set forth in claim 19, wherein the door further comprises:

- 5 a door glass disposed at the edge of the inner circumferential surface of the door frame, the door glass being made of a transparent material.